|                              |       |          |          |          |          |          |          |          |         |                   |          |               |                        |         |                |                 |          |                         |          |                |          |            |          | Reexamination |  |                 |          |          |         |   |
|------------------------------|-------|----------|----------|----------|----------|----------|----------|----------|---------|-------------------|----------|---------------|------------------------|---------|----------------|-----------------|----------|-------------------------|----------|----------------|----------|------------|----------|---------------|--|-----------------|----------|----------|---------|---|
|                              |       |          |          |          |          |          |          |          |         |                   |          | 1             | 10/608,391<br>Examiner |         |                |                 |          |                         |          |                |          | 1          |          |               |  |                 |          |          |         |   |
|                              |       |          |          |          |          |          |          |          |         |                   |          |               |                        |         |                |                 |          |                         |          |                |          | E          | Art Unit |               |  |                 |          |          |         |   |
|                              |       |          |          |          |          |          |          |          |         |                   |          |               |                        |         |                |                 |          |                         |          |                |          | ١.         |          |               |  |                 |          |          |         |   |
|                              |       |          |          |          |          |          |          |          |         |                   |          |               |                        |         | Hetul Patel    |                 |          |                         |          |                |          |            |          | 2186          |  |                 |          |          |         |   |
|                              |       |          |          |          |          |          |          |          | _       | -                 |          |               |                        |         |                |                 |          |                         |          |                |          | _          |          |               |  |                 |          | _        |         |   |
| √ Rejected – (Through numera |       |          |          |          |          |          |          |          |         |                   |          | ral) Non-Elec |                        |         |                |                 |          | ected                   | <u>.</u> |                | Appeal   |            |          |               |  |                 |          |          |         |   |
| Cancelle                     |       |          |          |          |          |          |          |          | ed      |                   |          | Į             | N                      |         |                |                 |          | Α                       |          |                |          |            |          |               |  |                 |          |          |         |   |
|                              |       |          | _        | Allowed  |          |          |          | ١.       |         | Restricted        |          |               |                        |         |                | - 1             | ١,١      | 14                      | f        |                | 4        | ارا        | ,        | <b></b>       | 4                                      | _               |          |          |         |   |
|                              |       |          | =        | Allowed  |          |          | a        |          | Ť       | 1                 | K        | Restricted    |                        |         |                |                 | 1        | ını                     | erfer    | ence           | •        |            | •        | Obje          | cte                                    | a               |          |          |         |   |
|                              |       |          |          |          |          |          |          |          |         |                   |          |               |                        |         | ,              |                 |          |                         |          |                |          |            |          |               |  |                 | _        |          |         |   |
|                              | Cla   | im       |          |          |          | D        | ate      | _,       |         |                   | Claim    |               |                        |         | ָ ַ            | ate             | •        |                         | $\Box$   |                | Claim    | ļ_,        | Date     |               |  |                 | ļ        |          |         |   |
|                              | _     | <u>a</u> | ایا      |          |          |          |          |          |         |                   | _        | 1             | <u> </u>               |         |                |                 | أ        |                         |          |                |          | _   _      |          |               |  |                 |          |          |         |   |
|                              | Final | Original | 8/3/05   |          |          |          |          |          |         |                   | Final    | 1:            | Original               |         |                |                 |          |                         |          | 1              | 100      | Original   |          |               |  |                 |          |          |         |   |
|                              | L.    | ŏ        | ωõ       |          |          |          |          |          |         |                   | "        | 1             | ວັ                     |         |                |                 |          |                         |          | 11             | ١        | Ö          |          |               |  |                 |          |          |         |   |
|                              |       | 1        | 1        | Ħ        | 寸        | 十        | _        | 十        | ╅       | $\top$            |          | 1             | 51                     | 十       | ╁              | $\vdash$        | $\dashv$ | $\Box$                  | $\dashv$ | _              |          | 101        | Н        | $\dashv$      | +-                                     | ${}^{\dagger}$  | $\dashv$ | +        | +       |   |
|                              |       | 2        | 1        |          |          |          |          |          |         |                   |          | 1             | 52                     |         |                |                 |          |                         |          |                |          | 102        |          |               | ١.                                     |                 |          |          |         |   |
|                              |       | 3        | 1        |          | $\perp$  | Ц        |          |          | L       |                   |          |               | 53                     |         | L              | $\Box$          | $\Box$   | $\Box$                  | $\perp$  | Ш              |          | 103        |          |               | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ |                 |          |          |         | ! |
|                              |       | 4        | 1        |          | _        | _        | _        |          | -       | 1                 |          | 15            | 54                     | +       | ـــ            | 1               | _        |                         | _        | +              | <u> </u> | 104        |          | _ _           | ┿                                      | $\sqcup$        | _        | _        | -       |   |
|                              |       | 5        | 1        | $\dashv$ | 4        | +        | $\dashv$ | +        | +       | +                 | -        | +:            | 55                     | ╀       | ╁              | $\vdash$        |          | $\dashv$                |          |                | $\vdash$ | 105<br>106 |          | - -           | ┿                                      | $\vdash$        | _        | - -      | -       |   |
|                              |       | 6<br>7   | 0        | $\dashv$ | $\dashv$ | $\dashv$ | +        |          | ╁       | +                 | -        | +;            | 57                     | ╁       | ╁              | $\vdash$        | -        | $\dashv$                | _        | +              | -        | 107        | +-       |               | ╁                                      | $\vdash$        | -        |          | +       |   |
|                              |       | 8        | 1        | $\dashv$ | $\dashv$ | _        | +        |          | ╅       | +                 | -        |               | 58                     | ╁       | ╁╴             | $\vdash$        |          | $\vdash$                |          | +              | -        | 108        | +        |               | +                                      | H               |          |          |         |   |
|                              |       | 9        | 1        | $\neg$   | 寸        |          | _        | _        | 1       |                   |          | 1             | 59                     | +-      |                | П               | $\neg$   | П                       | $\dashv$ | $\top$         |          | 109        |          |               | T                                      | П               | Ť        | $\top$   | 1       |   |
|                              |       | 10       | √        |          |          |          |          |          |         |                   |          | 16            | 50                     |         |                |                 |          |                         |          |                |          | 110        |          |               |  |                 |          |          |         |   |
|                              |       | 11       | 0        |          |          |          |          | $\perp$  | $\perp$ | $\perp$           |          |               | 31                     | 1       | <u> </u>       | Ш               |          |                         |          | $\perp$        | <u> </u> | 111        |          | _ _           | _                                      | Ц               | 4        |          |         |   |
|                              |       | 12       | 0        |          |          | -        | -        | -        | - -     | 4                 | -        |               | 2                      | 4-      | -              | $\vdash$        | $\dashv$ | $\dashv$                | _        | 4-4            | -        | 112        |          |               | +-                                     | Н               | -        | +        | +       |   |
|                              |       | 13<br>14 | 0        |          | $\dashv$ | $\dashv$ | -+       | +        | ╁       | +                 | -        |               | 33<br>34               | +-      | ┼              | $\vdash$        | $\dashv$ | $\vdash$                | +        | +              | $\vdash$ | 113<br>114 |          | -             | +                                      | H               | $\dashv$ | +        | +       | - |
|                              |       | 15       | 7        |          | $\dashv$ | -        | $\dashv$ | $\dashv$ | ╁       | +                 |          | +;            | 55                     | +       | $\vdash$       | Н               | $\dashv$ | $\dashv$                | +        | +              | -        | 115        | +        |               | +                                      |                 | $\dashv$ | +        | +       | 1 |
|                              |       | 16       | V        | $\Box$   | $\dashv$ | 寸        | $\dashv$ | $\top$   | $\top$  |                   |          |               | 66                     | $\top$  | T              | Н               | 一        | T                       | $\top$   | $\top$         |          | 116        |          |               | +                                      | Н               | _        | $\neg$   | $\top$  |   |
|                              |       | 17       | 1        |          |          |          |          |          |         |                   |          | - (           | 57                     |         |                |                 |          |                         |          |                |          | 117        |          |               |  |                 | 1        |          |         | j |
|                              |       | 18       | √        |          | _        | _        | 4        | $\perp$  | 1       | 1                 | <u> </u> |               | 8                      | 4       | <u> </u>       |                 | _        | Щ                       |          | $\perp$        |          | 118        |          |               |  | Ш               | _        |          |         |   |
|                              |       | 19       | 1        | _        | 4        | -        | -        | +        | +       | $\perp$           | <u> </u> |               | 59                     | +       | ╄              | Н               | _        | $\Box$                  | -        | $\dashv$       | -        | 119        |          | _ _           | +                                      | -               | 4        | -        | -       |   |
|                              | ļ     | 20<br>21 | 1        | $\dashv$ | +        | $\dashv$ | $\dashv$ | +        | +       | +                 | -        |               | 70<br>71               | ╬       | ╁              | $\vdash$        |          | H                       | -        | +              | -        | 120<br>121 |          |               | ╁                                      | $\vdash$        | +        |          | +       | 1 |
|                              | _     | 22       | V        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ╅        | ╅       | +-                |          |               | 72                     | ╁       | +              | $\vdash$        | $\dashv$ | $\dashv$                | +        | +              |          | 122        |          | -             | +                                      | H               | -        | $\dashv$ | +       | 1 |
|                              |       | 23       | V        |          | $\dashv$ | _        | $\dashv$ | $\top$   | +-      | +                 | -        |               | 73                     | +       | †              | П               |          | $\Box$                  | $\dashv$ | $\forall$      |          | 123        |          |               | +                                      | H               | $\neg$   | _        | $\top$  | 1 |
|                              |       | 24       | 1        |          |          |          |          | $\Box$   |         |                   |          | 7:            | 74                     |         |                |                 |          |                         |          |                |          | 124        |          |               |  |                 |          |          |         |   |
|                              |       | 25       | V        |          |          |          |          |          |         |                   |          | 1             | 75                     |         |                | Ш               |          | Ц                       | _        | Ш              | $\perp$  | 125        | Ш        |               |  | Ш               |          | $\perp$  |         |   |
|                              |       | 26       | 1        |          | $\dashv$ | $\perp$  | $\dashv$ | +        | +       | -                 |          |               | 76                     | +       | ╀              | Н               | _        |                         | +        |                | -        | 126        |          |               | -                                      | $\sqcup$        | -        | -        | -       | - |
|                              |       | 27<br>28 | 1        | $\dashv$ | -        | $\dashv$ | $\dashv$ | -        | ┿       | ╁                 |          | +             | 77<br>78               | +       | ╁              | -               | $\dashv$ | $\dashv$                | +        | $\dashv\dashv$ | -        | 127<br>128 | ┯        |               | ┿                                      | $\vdash$        | $\dashv$ | _        | ╫       | 1 |
|                              |       | 29       | 0        | -        | 十        | $\dashv$ | $\dashv$ | +        | +       | 1                 |          | +             | 79                     | +       | ╁              | +               |          | $\vdash$                | +        | +              | $\vdash$ | 129        | ╁╌       |               | +                                      | $\vdash$        | 十        |          | +       | 1 |
|                              |       | 30       | 1        | П        | 一        | 7        | 寸        | 1        | $\top$  | $\top$            |          |               | 30                     | $\top$  | t              | П               |          | T                       | 1        | $\top$         |          | 130        |          |               | t                                      |                 | T        | 1        | T       | 1 |
|                              |       | 31       | <b>V</b> |          |          |          |          |          |         |                   |          |               | 31                     |         |                |                 |          |                         |          |                |          | 131        |          |               |  |                 |          |          |         | ] |
|                              |       | 32       | _        | $\dashv$ | 4        | 4        | $\dashv$ | 4        | _       | 4                 |          |               | 32                     | 4       | ↓_             | $\perp$         | _        | $\sqcup$                | 4        | $\perp \perp$  |          | 132        | $\perp$  |               | 4                                      | Ш               | 4        | 4        | _       |   |
|                              |       | 33       | _        | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\perp$  | +       | 4                 | _        |               | 33                     | +       | ╀              | Н               | _        | $\square$               | +        | +              | -        | 133        |          | _             | _                                      | $\sqcup$        | $\dashv$ | _        | $\perp$ |   |
|                              |       | 34<br>35 | ┢        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +       | +                 | -        |               | 34<br>35               | -       | ╁              | Н               | $\dashv$ | $\vdash$                | +        | +              | -        | 134<br>135 |          | +             | ╁                                      | $\vdash$        | $\dashv$ | +        | +       | { |
|                              |       | 36       | H        |          | $\dashv$ | $\dashv$ | $\dashv$ | +        | +       | +                 | _        |               | 36                     | +       | +              | Н               | $\dashv$ | H                       | +        | +              | -        | 136        | +        | $\dashv$      | +                                      | $\vdash$        | $\dashv$ | +        | +       | i |
|                              |       | 37       |          |          |          | 寸        | $\neg$   | $\top$   | 十       |                   |          |               | 37                     | 1       | 1              |                 |          |                         |          | $\top$         |          | 137        |          |               | $\top$                                 | $\Box$          | 寸        |          | T       | 1 |
|                              |       | 38       |          |          |          |          | $\Box$   | $\perp$  | $\perp$ |                   |          |               | 38                     |         |                |                 |          |                         |          |                |          | 138        |          |               |  |                 |          |          |         | ] |
|                              |       | 39       | _        |          | _        | _        | _        | $\perp$  | $\perp$ | $\perp$           |          |               | 39                     | _       | ↓_             | Ш               | $\perp$  |                         |          | $\bot$         |          | 139        |          |               | $\perp$                                | $\sqcup$        | $\perp$  | $\perp$  | ļ       |   |
|                              |       | 40<br>41 | -        | $\dashv$ | $\dashv$ | $\dashv$ | -        | +        | +-      |                   | -        |               | 90                     | -       | -              | $\vdash\vdash$  | $\dashv$ | $\vdash$                | -        |                |          | 140        |          |               | -                                      | $\vdash$        | $\dashv$ | +        | +       |   |
|                              |       | 41       | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +       | $\forall$         |          |               | 2                      | +-      | +-             | $\vdash$        | $\dashv$ | $\vdash$                | +        | +              | $\vdash$ | 141<br>142 | $\vdash$ | -             | +                                      | $\vdash$        | $\dashv$ | +        | +       | 1 |
|                              |       | 43       |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\top$   | 十       | $\top$            |          |               | 3                      | $\top$  | t              | Н               | $\dashv$ | $\vdash$                | $\dashv$ | +              |          | 143        |          | $\dashv$      | $\top$                                 | $\vdash \vdash$ | $\dashv$ | +        | $\top$  | 1 |
|                              |       | 44       |          |          |          |          | $\Box$   |          |         |                   |          | 1             | 94                     | $\perp$ |                |                 |          |                         |          |                |          | 144        |          |               |  |                 |          |          |         | j |
|                              |       | 45       |          | $\Box$   | 1        | $\bot$   |          | $\perp$  | $\perp$ | $\Box$            |          |               | 95                     |         | L              | $\Box$          |          | П                       | $\bot$   | $\Box$         |          | 145        |          |               | T                                      | $\Box$          | $\Box$   | $\perp$  | 丰       | Į |
|                              |       | 46       | _        | $\dashv$ | $\dashv$ | 4        | $\dashv$ | +        | +       | $\dashv$          | -        |               | 96                     | -       | <del> </del> - | $\vdash \vdash$ | _        | $\mid \rightarrow \mid$ |          | +              | <u> </u> | 146        |          |               | -                                      | $\vdash \vdash$ | $\dashv$ | +        | +       | ! |
|                              |       | 47<br>48 | -        | $\dashv$ | +        | +        | $\dashv$ | +        | ╀       | +                 | <u> </u> |               | 97                     | +       | $\vdash$       | $\vdash$        | $\dashv$ | $\vdash \vdash$         | +        | +              | -        | 147<br>148 |          | $-\vdash$     | +-                                     | $\vdash \vdash$ | +        | +        | +-      | 1 |
|                              |       | 49       | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +       | +                 |          |               | 9                      | +       | $\vdash$       | $\vdash$        | $\dashv$ | $\vdash$                | +        | +              |          | 149        |          | +             | +                                      | ┤┤              | $\dashv$ | +        | +       |   |
|                              |       | 50       |          | $\vdash$ | $\dashv$ | +        | $\dashv$ | $\top$   | $\top$  | $\dagger \exists$ |          | 1             | 00                     | +-      | $\dagger$      | ${}^{\dagger}$  | $\dashv$ | $\vdash \vdash$         | $\dashv$ | +              |          | 150        | H        | $\dashv$      | +                                      | $\vdash \vdash$ | $\dashv$ | +        | †       |   |
|                              |       |          | _        |          | _        | _        |          | _        |         | _                 |          |               |                        |         | •              |                 |          |                         |          |                | -        |            |          |               |  | 4               | _        |          | _       | • |

Application/Control No.

Applicant(s)/Patent under